

Johann Parel

(940) 279-5202 | Carrollton, Texas | pareljohann@gmail.com | <https://www.linkedin.com/in/johann-parel/>

EDUCATION

Texas A&M University

Bachelor of Science in Petroleum Engineering
College of Engineering

College Station, Texas

May 2024

Cumulative GPA: 3.96/4.00

PROFESSIONAL EXPERIENCE

Wise Rock Inc.

Production Analyst Intern

Houston, Texas

June 2023 – Current

- Supported oil and gas data analytics start-up company with core production surveillance workflow.
- Generated hundreds of decline curves (based on Arps equations) for producing wells.
- Exposure to exception-based surveillance workflows for production engineers.

Undergraduate Summer Research Program

Reservoir Simulation Research Intern

College Station, Texas

May 2023 – August 2023

- Collaborated with senior researchers on numerical simulations for enhanced geothermal systems.
- Conducted in-depth numerical simulations to model geothermal behavior, contributing to the understanding of critical conditions for laboratory experiments.
- Demonstrated strong problem-solving skills by troubleshooting simulation challenges and effectively contributing to experiment planning.
- Contributed to advancing research in geothermal energy through data analysis, simulation insights, and experiment results.
- Gained experience in geothermal research methodologies and strengthened computational skills in numerical simulations.
- Showcased dedication to research by collaborating with mentors to produce valuable insights for geothermal system analysis.

Feed My Starving Children

Event Volunteer

Richardson, Texas

June 2020 – June 2020

- Worked alongside volunteers to efficiently complete meal packing goals.
- Helped assemble nutritious meals by measuring and packaging ingredients.
- Ensured meals met FMSC's quality standards through careful inspection.
- Maintained a clean and sanitized work environment to uphold food safety.

RELEVANT SKILLS

- **Computational Skills:**
 - MS Word, MS Excel (Including Visual Basic), MS PowerPoint, MS Teams.
 - Python, SOPE (Simulation of Phase Equilibria), Reservoir Simulators: Eclipse, Petrel, and CMG.
- **Language Skills:**
 - English (fluent), French (beginner), Malayalam (intermediate), Hindi (intermediate), Arabic (beginner).

PROFESSIONAL AFFILIATION

- International Association of Drilling Contractors (IADC) - Texas A&M Chapter
Vice President - External *August 2023 – Present*
- Society of Petroleum Engineers (SPE) - Texas A&M Chapter
Member *August 2021 – Present*
- American Association of Drilling Engineers (AADE) – Texas A&M Chapter
Member *August 2023 – Present*

HONORS, ACTIVITIES & INTERESTS

- **Honors:**
 - First Round Runner Up in SPE Junior Student Paper Contest (Junior Year).
 - Dean's Honor Roll Certificate (Freshman, Sophomore, Junior Years).
 - International Well Control Forum Certificate (Sophomore Year).
- **Personal Activities & Interests:**
 - I am highly driven in pursuing a career in Production or Drilling Engineering.
 - I am passionate in exploring opportunities within Enhanced Oil Recovery (EOR) process.
 - I enjoy participating in church events and organizations.